



Engineering • Surveying • Environmental • Construction Management

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April 30, 2010

Mr. Dave Buck, PE  
Office of the City Engineer  
City of West Lafayette  
609 West Navajo Street  
West Lafayette, IN 47906

RE: Civil Engineering and Land Surveying Services Proposal for Sanitary Sewer Master Plan for "The Village" area in West Lafayette, Indiana.

Mr. Buck,

TBIRD Design Services Corp. would like to thank you for giving us the opportunity to offer our professional engineering and surveying services for the development of a Sanitary Sewer Master Plan for the area known as "The Village" in West Lafayette. The area is better defined as the area bounded by Salisbury St, North St., Andrew Pl. and the alley south of Chauncey Hill Mall. (See attached map) It is our understanding that the project limits could vary depending on the outcome of our investigation.

TBIRD proposes to provide the following services:

**PHASE I – Collection and Analysis**

1. **Base Map:** Create an overall Base Map of the existing sanitary sewers in the area using current available GIS data and data available from West Lafayette Wastewater Department. This map will also include Right-of-Way information gathered from existing plats of the area.
2. **Detailed Sewer Map:** TBIRD will utilize sanitary sewer data provided by the Wastewater Utility Department to show detailed sewer line information. Sewer videos will also be reviewed if available to determine blind tap locations.
3. **Sanitary Sewer Flow Data:** TBIRD proposes to collect flow data on the sewer lines to help determine sizing for possible future improvements. Data will be collected and documented for future use on the Final Master Plan.

***Phase I - Time and Material, Not to Exceed - \$15,000.00***

**PHASE II – Route Planning and Development**

4. **Preliminary Plan Development:** TBIRD will provide plan options to the City for review and approval prior to development of final Master Plan. New sewer routes will be detailed to show constructability and potential conflicts with existing utilities.
5. **Final Master Plan:** Prepare Master Plan report with recommendations and exhibits based on feedback from the Preliminary Plan development stage.

***Phase II - Time and Material, Not to Exceed - \$20,000.00***

TBIRD proposes to complete items listed above on a Time and Material – Not to Exceed Basis. Hourly Rates will be based on the attached Rate Sheet.

TBIRD Design Services Corp. would like to thank you for the opportunity of submitting this proposal. Clients who choose TBIRD Design Services Corporation find that we have the qualifications and experience to develop quality, cost-effective solutions. We are confident our unwavering integrity and open communication will lead you to return. We would be delighted to discuss this matter in more detail or address any questions or concerns that you may have. Please do not hesitate to contact me at our office (765.742.1900).

Sincerely,  
TBIRD Design Services Corp.



Timothy R. Balensiefer  
President



Design Services Corporation

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## EXHIBIT "A"

### SCHEDULE OF FEES

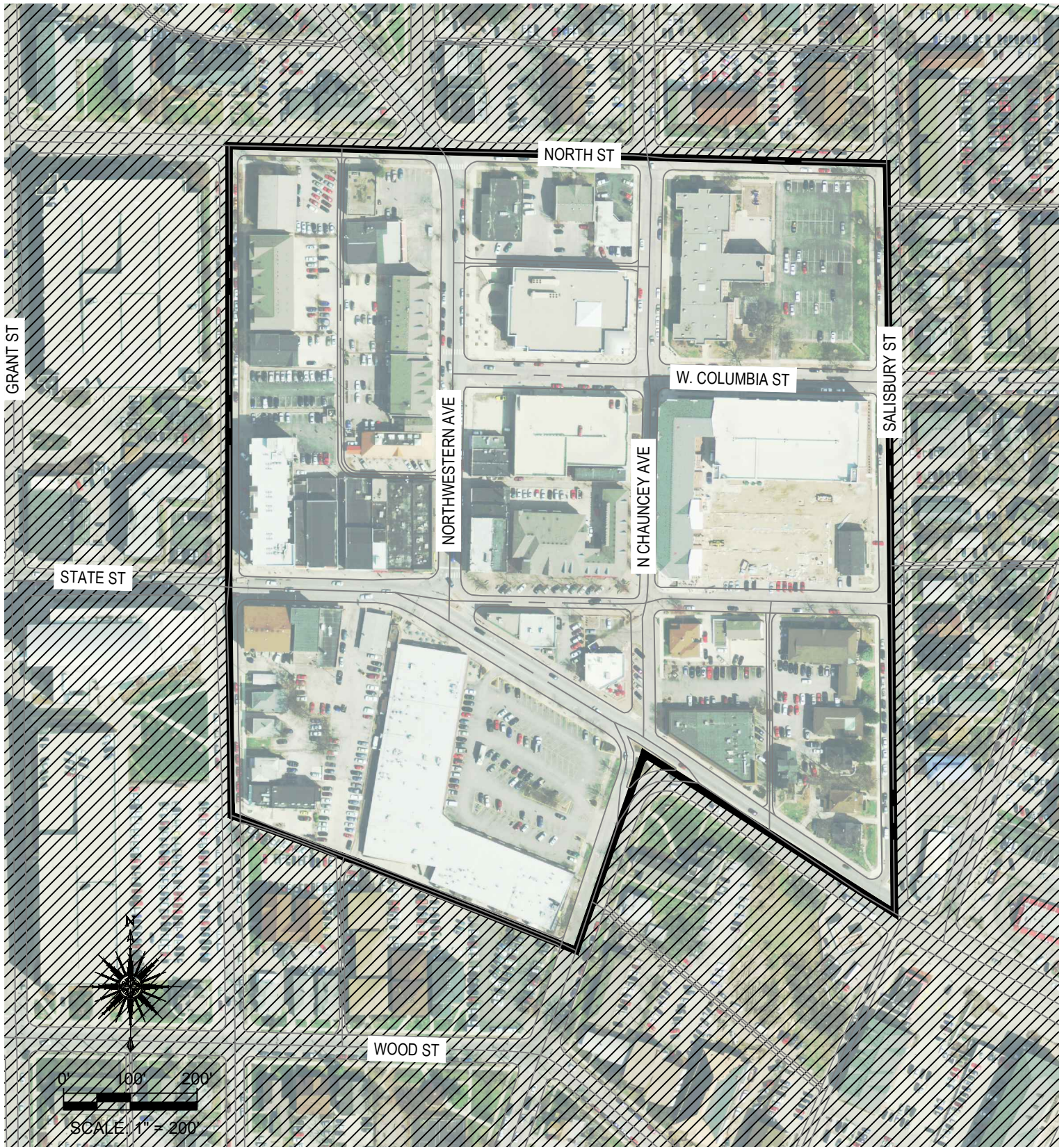
January 1, 2010

EMPLOYEE CLASSIFICATION	HOURLY BILLING RATE
Senior Professional Engineer	\$125.00
Senior Professional Land Surveyor	\$125.00
Project Administration	\$125.00
Professional Engineer	\$115.00
Professional Land Surveyor	\$115.00
Project Designer / Surveyor	\$95.00
CAD Designer	\$80.00
CAD Technician	\$70.00
Administrative Assistant/Secretary	\$50.00
Erosion Control Specialist/Inspector	\$75.00
Construction Manager	\$90.00
Construction Inspector/Technician	\$75.00
Survey Field Crew (2-Person)	\$125.00
Materials	Cost plus 15%
Reimbursable Expenses/Subcontracts	Cost plus 15%

**Note:**

Hourly billing rate include actual salary or wage, plus cost of benefits, including but not limited to: social security contributions, unemployment, excise and payroll taxes, worker's compensation, health and retirement benefits, bonuses and sick leave, vacation and holiday pay applicable thereto. Overtime Rate shall be at a rate of 1.30% of hourly billing rate.





**TBIRD**  
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 Engineering • Surveying • Environmental  
 Construction Management  
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 phone: (765) 742-1900 • fax: (765) 742-1905  
 www.tbirddesign.com

## VILLAGE AREA EXHIBIT

VILLAGE AREA SANITARY SEWER STUDY

PART OF SECTION 19, TOWNSHIP 23 NORTH, RANGE 4  
 WEST, WABASH TOWNSHIP, WEST LAFAYETTE, INDIANA

PROJECT:

DATE:

4/12/2010

CHECKED BY:

DRAWN BY:

DRAWING FILE:

EXHIBIT.DWG

SHEET:

1 of 1